

# Lesson 6 Problem-Solving Practice

## Sales Tax, Tips, and Markup

<p><b>1. SKATEBOARDS</b> Inez wants to buy a skateboard but she does not know if she has enough money. The price of the skateboard is \$80 and the sales tax is 7%. What will be the total cost of the skateboard?</p>	<p><b>2. HAIRCUT</b> Josiah went to the local barber to get his hair cut. It cost \$18 for the haircut. Josiah tipped the barber 15%. What was the total cost of the haircut including the tip?</p>
<p><b>3. MEAL</b> Madeline took 3 friends out for dinner. The cost of the meals was \$46.50. She left a 20% tip. What was the total cost including the tip?</p>	<p><b>4. COMPUTERS</b> Andrea ordered a computer on the Internet. The computer cost \$1,399 plus <math>6\frac{1}{2}\%</math> sales tax. What was the total amount Andrea paid for her computer?</p>
<p><b>5. MAGAZINES</b> Ivan bought these two magazines. If the sales tax was 6.75%, what was the total amount that he paid for the magazines?</p> <div style="display: flex; justify-content: space-around; align-items: flex-end;"> <div style="text-align: center;">  <p>\$4.95</p> </div> <div style="text-align: center;">  <p>\$4.95</p> </div> </div>	<p><b>6. CATERED DINNER</b> The Striton family had a meal catered for a wedding rehearsal dinner. The cost of the dinner was \$476. There was a 5% sales tax and they left a 15% tip. What was the total cost including the sales tax and the tip?</p>

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# Lesson 7 Problem-Solving Practice

## Discount

<p><b>1. PRETZELS</b> The Spanish club sold hot pretzels as a fundraiser. The pretzels normally sold for \$2.00, but near the end of the sale the price was reduced by 25%. What was the new price for a hot pretzel?</p>	<p><b>2. CELL PHONES</b> Nathan is buying a cell phone for his business. The regular price of the cell phone is \$179. If he buys the phone in the next 2 weeks, he will get a 20% discount. What will be the sale price if he buys the phone tomorrow?</p> 
<p><b>3. ALARM CLOCK</b> Dominic bought a new alarm clock that was on sale for \$18.75. If this price represents a 30% discount from the original price, what is the original price to the nearest cent?</p>	<p><b>4. FISHING ROD</b> Malachi bought a new fishing rod. The regular price of the fishing rod was \$125.99. He bought it on sale with a 15% discount. Sales tax of 3% is applied to the discounted total. What was the sale price with tax of Malachi's fishing rod to the nearest cent?</p>
<p><b>5. JEWELRY</b> A jewelry store is having a 50% off sale for all necklaces. During this sale, what is the cost of a necklace that regularly costs \$49.98?</p>	<p><b>6. COSMETICS</b> Jaylynn was buying new mascara. She bought it on sale for \$5.56. If the price represents a 20% discount from the original price, what is the original price to the nearest cent?</p>